

Claim Amendment under 37 C.F.R. 1.121(c)

1. (Currently amended) Bacillus amyloliquefaciens KTGB0202 (accession number: KCTC 10564BP) having an antifungal activity against plant pathogenic fungi and an inhibitory effect against plant virus infection, the Bacillus amyloliquefaciens KTGB0202 comprising a nucleotide sequence;

gcaatgacgc ttatcgatac cggggcgctt cggatgtgc gtgacggctc gaagccgggtt 60  
cacaggcgga ttttgtacgc aatgaatgat ttaggcatga ccagtacaa accatataaa 120  
aaatctgcgg gtagtcgg tgaagtatac gtaaagtacc accccgcacgg tgactcagcg 180  
gtttacgaat caatggtcag aatggcgcag gatttaact accgctacat gcttggac 240  
ggcacggca acttcgttc ggttgcggc gacttcggc cccgcgtacgg ttacacagaa 300  
gcgagaatgt caaaaatcgc aatggaaatc ctccggacaa ttacgaaaga tacgattgtat 360  
tatcaagata actatgcggc cgcagaaaaga gaaacctgtcg tcatgccttc gagattccg 420  
aatctgcgtcg taaacggagc tgccggattt gccgtcgaa tggcgacaaa tattcctccg 480  
catcagctg gggaaatcgt tgaaggcggtg ctggcgtaa gtgagaatcc tgagattaca 540  
aaccaggagc tgatggaata catccgggc cccgattttc cgactgcagg tcgattttg 600  
ggccggagcg gcateccgaa ggcataatgg tccggacggg gatccattac gatccgggtt 660  
aaggctgaaa tcgaagagac atcatcgga aaagaagaa ttattgtcac agaacttcct 720  
tatcaaggta acaaaggagc attaattggaa aaaatcgacg atcttgcgtc ggacaaaaaa 780  
atcgaaggaa ttaccgatc gctgtacgaa tccgaccgtc acggaatgag aatcgtcatt 840  
gagatccggc gtgacgcacaa tgctcacgtc atttgaata acctgtacaa acaaacggcc 900  
ctgcagacgt ctggaaat caacctcgatc ggcgtcgatc acggacacggc gaaggactta 960  
agc 963.

2. (Original) The Bacillus amyloliquefaciens KTGB0202 of claim 1, wherein the plant pathogenic fungus is one selected from powdery mildew, Cladosporium sp., Colletotrichum sp., Phytophthora sp., Botrytis dinerea, Rhizoctonia solani, Fusarium sp., Alternaria sp., Magnaporthe grisea, Puccinia recondita, Corticium sasaki, and Candida sp.

3. (Original) The *Bacillus amyloliquefaciens* KTGB0202 of claim 2, wherein the powdery mildew is one selected from *Sphaerotetheca fuliginea* of gourd plants, *S. humuli* of strawberry, *S. pannosa* of rose, *Erysiphe tabacina* of tobacco, *Leveillula taurica* and *Erysiphe cichoracearum* of Solanaceae vegetables, *Leveillula heraclei* of carrots, and *Blumeria graminis* of barley.

4. (Original) The *Bacillus amyloliquefaciens* KTGB0202 of claim 1, wherein the plant virus is tobacco mosaic virus (TMV).

5. (Original) A method for controlling plant pathogens using the *Bacillus amyloliquefaciens* KTGB0202 culture broth of claim 1.

6. (Original) A antifungal substance KTGB0202-AF01 showing antifungal activity, which is obtained by extraction and purification from the *Bacillus amyloliquefaciens* KTGB0202 of claim 1.